



2005

The Indiana Department of Natural Resources Division of Forestry



Greetings!

Welcome to the 2005 edition of the Indiana Big Tree Register (IBTR)! This is the seventh edition of the IBTR, featuring Indiana's largest known native trees. The Indiana Division of Forestry takes great pride in having the responsibility for developing and maintaining this unique register for the citizens of Indiana. This is a responsibility that fits very well with the Division's mission statement.

The first Indiana Big Tree Register was developed and published in 1974 with additional editions in 1976, 1980, 1991, 1995, and 2000. It is currently maintained on a five-year schedule. The Register was initially based on the American Forestry Association's (now called American Forests) Big Tree Register, which began in 1945. American Forests' definition of a big tree was adopted by Indiana. A big tree is defined by three measurements: 1) circumference in inches at 4 ½ feet above the ground; 2) total height in feet; and 3) ¼ of the average crown spread measured in feet. These three measurements are then added together to give a point index. The tree of each species with the highest point index is considered the champion big tree.

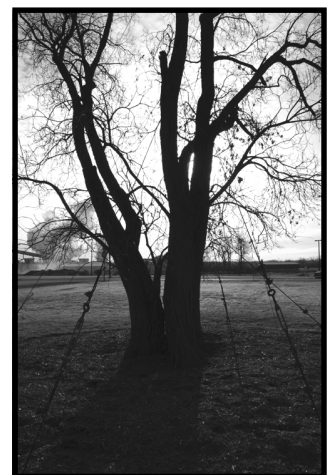
The Indiana Register is unique since tree selection is limited to native Indiana species. *Trees of Indiana* by Charles Deam is the guide used to determine whether a tree is native. This book, first written and published in 1912, was compiled by Mr. Deam, Indiana's first state forester and renowned botanist.

Indiana currently has two national champion trees. The champion Royal Paulownia is located at Reitz Memorial High School in Evansville. However, a severe storm in the summer of 2004 did considerable damage to the tree and the tree may be removed. The other tree, an American Smoketree, is actually a co-champion and is located on the campus of Purdue University in West Lafayette. Neither tree is a native species to Indiana and is not included in the Indiana Register.

This edition of the Big Tree Register was supported by an urban forestry grant from the USDA Forest Service, Northeastern Area. Additional printing support was provided by the Indiana Urban Forest Council. We extend special thanks to these groups for their help with this project.

There may be a big tree near you! By looking at the location map, tree enthusiasts may find one of the Indiana champions within a day's drive. If you are sleuthing for Indiana's big trees, be sure to get permission from the tree's owner before making the trip and before going on the property to view the champion.

We are already seeking new champions for the 2010 IBTR, and hope that you will join in our efforts. Look around you. Potential champions can be found in parks, cemeteries, forests, small woodlots, and maybe in your own backyard. Big trees work hard for us. They provide more cooling and shade, more carbon dioxide uptake, trap more pollutants, and purify more water. Enjoy and treasure them.



Purdue Smoke Tree

ALDER

Alder, Speckled

(*Alnus rugosa*)

No Nomination

ASH

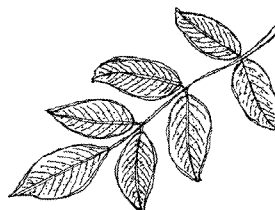
Ash, Biltmore

(*Fraxinus americana* var. *biltmoreana*)

Owner: Wesselman Woods Nature Preserve
551 N Boeke Rd.
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 118"
Height: 106'
Crown Spread: 65'
Point Index: 240.25



Biltmore Ash

Ash, Black

(*Fraxinus nigra*)

Owner: Philip Meltzer
7814 E Blue Ridge Rd.
Shelbyville, IN 46176

Nominator: Philip Meltzer
7814 E Blue Ridge Rd.
Shelbyville, IN 46176

County: Shelby
Circumference at 4 ½ Feet: 76.8"
Height: 97'
Crown Spread: 40.5'
Point Index: 183.93

Ash, Blue

(*Fraxinus quadrangulata*)

Owner: Joe McDill
RR3
Salem, IN 47167

Nominator: Joe McDill
RR3
Salem, IN 47167

County: Washington
Circumference at 4 ½ Feet: 136.8"
Height: 135'
Crown Spread: 71'
Point Index: 289.55

Ash, Green

(*Fraxinus pennsylvanica* var. *lanceolata*)

Owner: Ann Henderson
2211 College
Terre Haute, IN 47802

Nominator: Mary Beth Eberwein
Trees Inc.
1200 S Paul Dresser St.
Terre Haute, IN 47803

County: Vigo
Circumference at 4 ½ Feet: 218.4"
Height: 82'
Crown Spread: 90.6'
Point Index: 323.05

Ash, Pumpkin

(*Fraxinus tomentosa*)

Owner: Evansville State Hospital
Ralph Nichols, Supt.
3400 Lincoln Ave.
Evansville, IN 47714

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 112"
Height: 78'
Crown Spread: 55'
Point Index: 203.75

Ash, Red

(*Fraxinus pennsylvanica*)

Owner: Wanda Zuelly
4410 Bernice Dr..
Evansville, IN 47712

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 192"
Height: 76'
Crown Spread: 78'
Point Index: 287.50

Approximately 76%
of forestland and
woodlots in Indiana
are privately owned.



Ash, White*(Fraxinus americana)*

Owner: Dean Stead
PO Box 25
Scottsburg, IN 47170

Nominator: David Berna
200 N High St.
Fed. Bldg. Rm. 522
Columbus, OH 43215

County: Scott

Circumference at 4 ½ Feet: 246.6"

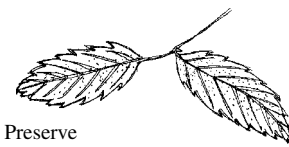
Height: 80'

Crown Spread: 93.5'

Point Index: 349.98

Basswood, White*(Tilia heterophylla)*

No Nomination

Beech**Beech, American***(Fagus grandifolia)*

Owner: Olin Lake Nature Preserve
Div. of Nature Preserves
5500 South 125 East
LaGrange, IN 46761

Nominator: Big Tree Survey Team
Maple Wood Nature Center
114 W. Michigan
LaGrange, IN 46761

County: LaGrange

Circumference at 4 ½ Feet: 182"

Height: 145'

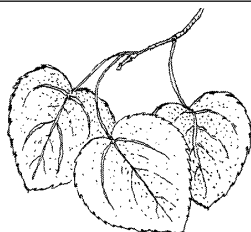
Crown Spread: 90'

Point Index: 349.50

ASPEN**Aspen, Bigtooth***(Populus grandidentata)*

Owner: John Spears, MD
6910 Shelby St.
Indianapolis, IN 46227

Nominator: Charles Ratts
Atterbury Fish & Wildlife Area
Edinburgh, IN 46124



County: Brown

Circumference at 4 ½ Feet: 85.1"

Height: 112.5'

Crown Spread: 57'

Point Index: 211.85

Aspen, Quaking*(Populus tremuloides)*

No Nomination

BASSWOOD**American, Linden***(Tilia americana)*

Owner: Evansville State Hospital
3400 Lincoln Ave.
Evansville, IN 47714

Nominator: Thomas E. Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 124"

Height: 80'

Crown Spread: 60'

Point Index: 219.00



American, Linden

Birch, Paper*(Betula papyrifera)*

Owner: Jesse Yancey
4521 Jackson Ave.
Evansville, IN 47714

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 100"

Height: 61'

Crown Spread: 60'

Point Index: 176.00

Birch, River*(Betula nigra)*

Owner: Horace Perry
2311 Indiana St.
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 174"

Height: 80'

Crown Spread: 71'

Point Index: 271.75



Arbor Day in Indiana is the last Friday in April.

Birch, Yellow

(*Betula lutea*)

Owner: Nicholas Timm
9451 E 900 N
New Carlisle, IN 46552

Nominator: Nicholas Timm
9451 E 900 N
New Carlisle, IN 46552

County: LaPorte

Circumference at 4 ½ Feet: 102"

Height: 80'

Crown Spread: 64'

Point Index: 198.00

BOXELDER

Boxelder

(*Acer negundo*)

Owner: Harold Jones
816 Jobe's Lane
Evansville, IN 47712

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

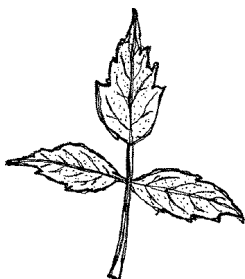
County: Posey

Circumference at 4 ½ Feet: 141"

Height: 62'

Crown Spread: 51'

Point Index: 215.75



BUCKEYE

Buckeye, Ohio

(*Aesculus glabra*)

Owner: Ron & Paulette Fisher
21371 Ireland Rd.
South Bend, IN 46614

Nominator: Ron & Paulette Fisher
21371 Ireland Rd.
South Bend, IN 46614

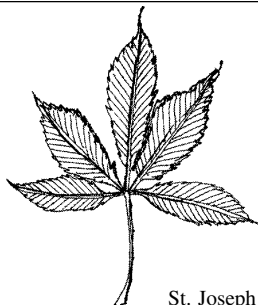
County: St. Joseph

Circumference at 4 ½ Feet: 115"

Height: 84'

Crown Spread: 57.5'

Point Index: 213.38



Buckeye, Yellow

(*Aesculus octandra*)

Owner: Clifty Falls State Park
1501 Green Road
Madison, IN 47250

Nominator: Paul Carmony
3067 Tull Rd.
Hanover, IN 47243

County: Jefferson

Circumference at 4 ½ Feet: 145.2"

Height: 91'

Crown Spread: 57.5'

Point Index: 250.58

BUTTERNUT

Butternut

(*Juglans cinerea*)

Owner: Kevin Wise
3844 W 150 N
Connersville, IN 47331

Nominator: Joe Schuerman
6315 E CR 500 N
Butlerville, IN 47223

County: Fayette

Circumference at 4 ½ Feet: 217.2"

Height: 70'

Crown Spread: 67.5'

Point Index: 304.08



CATALPA

Catalpa

(*Catalpa speciosa*)

Owner: Edward Fox
3801 Bellemeade, Suite 110
Evansville, IN 47714

Nominator: Thomas E. Westfall
2216 E Gum St.
Evansville, IN 47714

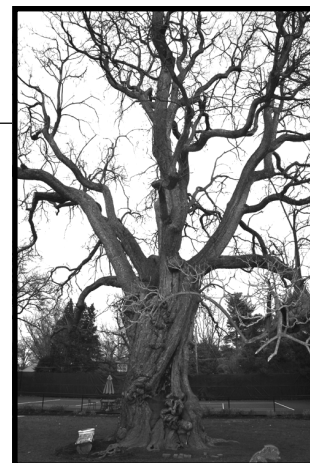
County: Vanderburgh

Circumference at 4 ½ Feet: 290"

Height: 85'

Crown Spread: 81'

Point Index: 392.25



Catalpa

Indiana's state tree is
the *Liriodendron*
tulipifera; Tulip Tree.



Cedar**Cedar, Eastern Red***(Juniperus virginiana)*

Owner: Spring Mill State Park
PO Box 376
Mitchell, IN 47446

Nominator: Mark Young
Spring Mill State Park
PO Box 376
Mitchell, IN 47446

County: Lawrence

Circumference at 4 ½ Feet: 120"

Height: 86'

Crown Spread: 31.5'

Point Index: 213.88

Cedar, Northern White*(Thuja occidentalis)*

Owner: Wesley Cemetery Assn.
c/o Bonnie Holt
1309 N 400 W
Crawfordsville, IN 47933

Nominator: Don Bickel
1641 W Oak Hill Rd.
Crawfordsville, IN 47933

County: Montgomery

Circumference at 4 ½ Feet: 85.56"

Height: 42'

Crown Spread: 32.25'

Point Index: 135.62

CHERRY**Cherry, Black***(Prunus serotina)*

Owner: Oran Query
RR 4 Box 231
Spencer, IN 47460

Nominator: Ralph Unversaw
2153 Fish Creek Rd
Spencer, IN 47460

County: Owen

Circumference at 4 ½ Feet: 224.5"

Height: 86'

Crown Spread: 76'

Point Index: 329.50

**CHESTNUT****Chestnut, American***(Castanea dentata)*

Owner: John Pohl
1709 Broadway St.
Vincennes, IN 47591

Nominator: Tom Pohl
243 Metts Court Apt. 3
Elizabethtown, KY 42701

County: Knox

Circumference at 4 ½ Feet: 24"

Height: 39.4'

Crown Spread: 23.5'

Point Index: 69.28

**COTTONWOOD****Cottonwood, Eastern***(Populus deltoides)*

Owner: Bud, John & Randy Perkins
3755 E 1000 S
Hamlet, IN 46532

Nominator: Bud, John & Randy Perkins
3755 E 1000 S
Hamlet, IN 46532

County: LaPorte

Circumference at 4 ½ Feet: 301"

Height: 124'

Crown Spread: 85'

Point Index: 446.25

Cottonwood, Swamp*(Populus heterophylla)*

Owner: IN DNR
Div. Of Nature Preserves
402 W Washington Rm. W297
Indianapolis, IN 46204

Nominator: David Berna
200 N High St.
Fed. Bldg. Rm 522
Columbus, OH 43215

County: Posey

Circumference at 4 ½ Feet: 88.5"

Height: 78'

Crown Spread: 86'

Point Index: 188.00

CRAB**Crab, Mountain Ash***(Pyrus decora)*

No Nomination

Crab, Prairie Crab*(Pyrus ioensis)*

No Nomination

Crab, Wild Sweet Crab*(Pyrus coronaria)*

No Nomination



"There are over 4.5 million acres of forestland in the State of Indiana". —Burney Fischer, State Forester

CYPRESS

Cypress Bald

(*Taxodium distichum*)

Owner: E. C. Steckler Farms, Inc.
c/o Wilson Farms
RR 1
Decker, IN 47524

Nominator: Brian Spangler, Pres.
Illiana Cypress-Audubon Society
815 ½ Buntin St.
Vincennes, IN 47591

County: Knox
Circumference at 4 ½ Feet: 336"
Height: 89'
Crown Spread: 59'
Point Index: 439.75

Elm, Rock

(*Ulmus thomasii*)

No Nomination

Elm, Winged

(*Ulmus alata*)

Owner: Roy Raider
827 32nd St.
Tell City, IN 47586

Nominator: Earl McCleerey & Roy Raider
PO Box 21
Cannelton, IN 47520

County: Spencer
Circumference at 4 ½ Feet: 67"
Height: 103.5'
Crown Spread: 52.85'
Point Index: 183.71

DOGWOOD

Dogwood, Flowering

(*Cornus florida*)

Owner: Gary Jarboe
6724 Henze Rd.
Evansville, IN 47720

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 76"
Height: 32'
Crown Spread: 57'
Point Index: 122.25



HACKBERRY

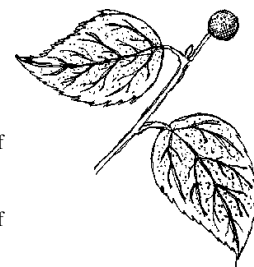
Hackberry

(*Celtis occidentalis*)

Owner: Gabriel & Melissa Huff
515 N Morgan St.
Rushville, IN 46173

Nominator: Gabriel & Melissa Huff
515 N Morgan St.
Rushville, IN 46173

County: Rush
Circumference at 4 ½ Feet: 212.4"
Height: 105'
Crown Spread: 81.5'
Point Index: 337.78



ELM

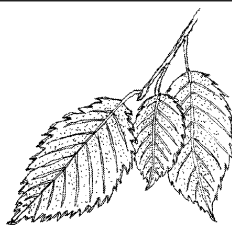
Elm, White (American)

(*Ulmus americana*)

Owner: James Herzog
RR 1 Box 172
Rosedale, IN 47874

Nominator: Jeff Sonnefield
740 Lake Nora South Dr.
Indianapolis, IN 46240

County: Parke
Circumference at 4 ½ Feet: 235.5"
Height: 112'
Crown Spread: 130.5'
Point Index: 380.13



Hackberry, Sugar

(*Celtis laevigata*)

Owner: Enterprise Zone
1000 E Virginia
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 174"
Height: 78'
Crown Spread: 82'
Point Index: 272.50

Elm, Red

(*Ulmus rubra*)

Owner: Pat Bennington
201 Apraw Rd.
Washington, IN 47501

Nominator: Rita McKenzie
Purdue University
195 Marstellar St.
W. Lafayette, IN 47907

County: Daviess
Circumference at 4 ½ Feet: 217"
Height: 114'
Crown Spread: 105.5'
Point Index: 357.38

Planted properly, trees can
improve energy efficiency
and provide immediate cost
savings to residents.



HAWTHORN**Hawthorn, Cockspur Thorn***(Crataegus crus-galli)*

Owner: Purdue University
W. Lafayette, IN 47907

Nominator: Tim Detzner, BSG
Purdue University
W. Lafayette, IN 47907



County: Tippecanoe

Circumference at 4 ½ Feet: 35.4"

Height: 25.5'

Crown Spread: 38.15'

Point Index: 70.44

Hawthorn, Dotted Haw*(Crataegus punctata)*

No Nomination

Hawthorn, Downy*(Crataegus mollis)*

No Nomination

Hawthorn, Green Haw*(Crataegus viridis)*

Owner: Wesselman Woods Nature Preserve
551 N Boeke Rd.
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 15"

Height: 24'

Crown Spread: 19'

Point Index: 43.75

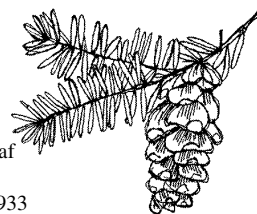
Hawthorn, Yellow Dotted Haw*(Crataegus puncta var. aurea)*

No Nomination

HEMLOCK**Hemlock, Eastern***(Tsugu canadensis)*

Owner: Martin & Jayne Paligraf
3500 W Offield Rd
Crawfordsville, IN 47933

Nominator: Don Bickel
1641 W Oak Hill Rd
Crawfordsville, IN 47933



County: Montgomery

Circumference at 4 ½ Feet: 101.4"

Height: 120'

Crown Spread: 46'

Point Index: 232.90

HICKORY**Hickory, Bitternut***(Carya cordiformis)*

Owner: Bruce Fenn & Mike Schopmeyer
629 9th St.
Tell City, IN 47586

Nominator: Earl McCleerey
PO Box 21
Cannelton, IN 47520

County: Perry

Circumference at 4 ½ Feet: 117.75"

Height: 136'

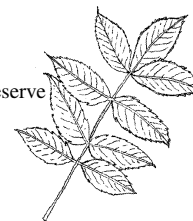
Crown Spread: 96'

Point Index: 277.75

Hickory, Mockernut*(Carya tomentosa)*

Owner: Wesselman Woods Nature Preserve
551 N Boeke Rd.
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714



County: Vanderburgh

Circumference at 4 ½ Feet: 84"

Height: 117'

Crown Spread: 52'

Point Index: 214.00

Hickory, Pignut*(Carya glabra)*

Owner: Ron & Rose Richard
RR 1 Box 314C
Poland, IN 47868

Nominator: Ralph Unversaw
2153 Fish Creek Rd
Spencer, IN 47460

County: Owen

Circumference at 4 ½ Feet: 150.8"

Height: 122'

Crown Spread: 88'

Point Index: 294.80



Indiana's urban forests provide economic, ecological, and social benefits to over 75% of the population that reside in cities and towns.

Hickory, Red

(*Carya ovalis*)

Owner: Burdette Park
5821 Nurrenbern Rd
Evansville, IN 47712

Nominator: Thomas E. Westfall
2216 E Gum St.
Evansville, IN 47714

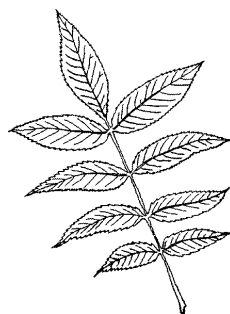
County: Vanderburgh

Circumference at 4 ½ Feet: 82"

Height: 117'

Crown Spread: 61.5'

Point Index: 214.38



Red Hickory

Hickory, Sand

(*Carya pallida*)

No Nomination

Hickory, Shagbark

(*Carya ovata*)

Owner: Elkhorn Cemetery
Larry Toney, Sexton
5362 Estes Rd
Richmond, IN 47374

Nominator: Charles Higgs
5776 Abington Pike
Richmond, IN 47374

County: Wayne

Circumference at 4 ½ Feet: 150"

Height: 104'

Crown Spread: 75'

Point Index: 272.75

Hickory, Shellbark

(*Carya laciniosa*)

Owner: John & Inez Kolb
9100 Shack Rd.
Metamora, IN 47030

Nominator: John & Inez Kolb
9100 Shack Rd.
Metamora, IN 47030

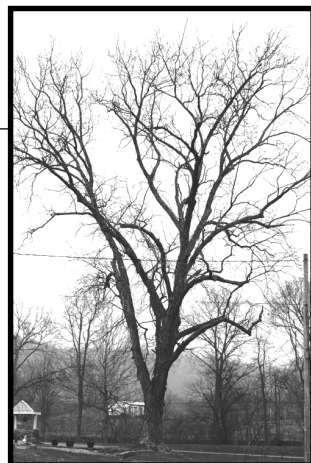
County: Franklin

Circumference at 4 ½ Feet: 142.8"

Height: 111'

Crown Spread: 103'

Point Index: 279.55



Shellbark Hickory

HONEYLOCUST

Honeylocust

(*Gleditsia triacanthos*)

Owner: University of Notre Dame
Dept. of Biological Sciences
Notre Dame, IN 46556

Nominator: Barb Hellenthal
Curator of Herbarium
Dept. of Biological Sciences
University of Notre Dame
Notre Dame, IN 46556

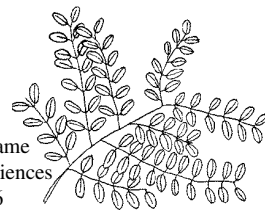
County: St. Joseph

Circumference at 4 ½ Feet: 172.8"

Height: 105'

Crown Spread: 266.5'

Point Index: 344.43



Honeylocust, Black Locust

(*Robinia pseudoacacia*)

Owner: Joel Lindley
3295 W Co. Rd. 25 S
Paoli, IN 47454

Nominator: Eldon Campen
2208 26th St.
Bedford, IN 47421

County: Orange

Circumference at 4 ½ Feet: 170"

Height: 83'

Crown Spread: 27.15'

Point Index: 259.79

Trees improve water quality by slowing and filtering rainwater as well as protecting aquifers and watersheds.



Honeylocust, Thornless*(Gleditsia triacanthos var. inermis)*

Owner: Don Olson
7609 Lincoln Ave
Evansville, IN 47715

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 101"

Height: 65'

Crown Spread: 61'

Point Index: 181.25

Honeylocust, Waterlocust*(Gleditsia aquatica)*

No Nomination

HOPHORNBEAM**Hophornbeam, American***(Ostrya virginiana)*

Owner: Parke Co. Extension Service
PO Box 146
Rockville, IN 47872

Nominator: Allen Royer & Dan Ernst
64 N US Hwy 231 Rm #3
Greencastle, IN 46135

County: Parke

Circumference at 4 ½ Feet: 67"

Height: 93'

Crown Spread: 33'

Point Index: 168.25

**HORNBEAM****Hornbeam, American***(Carpinus caroliniana var. virginiana)*

Owner: Crown Hill Cemetery
700 W 38th St.
Indianapolis, IN 46208

Nominator: Jud Scott
Vine & Branch Inc.
4721 E 146th St.
Carmel, IN 46033

County: Marion

Circumference at 4 ½ Feet: 153"

Height: 33'

Crown Spread: 58.3'

Point Index: 200.58

Kentucky Coffee Tree**Kentucky Coffee Tree***(Gymnocladus dioecus)*

Owner: James Kidder
750 Old Co. Rd. 553
Gwinn, MI 49841

Nominator: Steve Winicker
6718 E Co. Rd. 210
Knox, IN 46534

County: St. Joseph

Circumference at 4 ½ Feet: 126"

Height: 120'

Crown Spread: 67'

Point Index: 262.75

MAGNOLIA**Magnolia, Cucumber Tree***(Magnolia acuminata)*

Owner: Lick Creek Cemetery Assn.
2641 N Co. Rd. 450 W
Connersville, IN 47331

Nominator: Donald Hollcroft
6776 Lawson Rd.
Morgantown, IN 46160

County: Fayette

Circumference at 4 ½ Feet: 214.2"

Height: 59'

Crown Spread: 63'

Point Index: 288.95

Magnolia, Umbrella Magnolia*(Magnolia tripetala)*

No Nomination

Maple**Maple, Black***(Acer nigrum)*

Owner: George Menzel
3024 W Hinshaw
Monrovia, IN 46157

Nominator: William Brenneman
Morgan Co. SWCD
1328 Morton Ave.
Martinsville, IN 46151

County: Morgan

Circumference at 4 ½ Feet: 153.6"

Height: 82'

Crown Spread: 76.5'

Point Index: 254.73



According to 'American Forests', an average two car family who heats with electricity and drives 22,000 miles a year in vehicles that get 24 miles to the gallon, emits 21.4 tons of carbon (CO₂). In order to absorb that carbon, that family needs to plant, or cause to be planted, 64.1 trees annually. Check out the Climate Change Calculator at <http://americanforests.org>

Maple, Red

(*Acer rubrum*)

Owner: Carl Ruble
6995 W Georgetown Rd.
Logansport, IN 46947

Nominator: Mason Ruble
6995 W Georgetown Rd.
Logansport, IN 46947

County: Cass

Circumference at 4 ½ Feet: 204"

Height: 113'

Crown Spread: 371.5'

Point Index: 409.88



Red Maple Cass Co.



Mason's Red Maple

Maple, Silver

(*Acer saccharinum*)

Owner: Fred & Josephine St. John
908 W Main St
Ellettsville, IN 47429

Nominator: Ralph Unversaw
2153 Fish Creek Rd.
Spencer, IN 47460

County: Monroe

Circumference at 4 ½ Feet: 262.5"

Height: 98'

Crown Spread: 108'

Point Index: 387.50

Maple, Sugar

(*Acer saccharum*)

Owner: South Park Cemetery
State Road 205
Columbia City, IN 46725

Nominator: Martha Acres
1461 S State Rd 205
Columbia City, IN 46725

County: Whitley

Circumference at 4 ½ Feet: 152"

Height: 110'

Crown Spread: 85'

Point Index: 283.25



Oak

Oak, Black

(*Quercus velutina*)

Owner: Harmonie State Park
3451 Harmonie State Park Rd
New Harmony, IN 47631

Nominator: Thomas E. Westfall
2216 E Gum St
Evansville, IN 47714

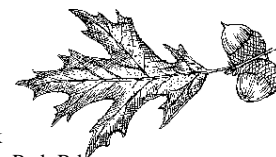
County: Posey

Circumference at 4 ½ Feet: 211.2"

Height: 92'

Crown Spread: 101'

Point Index: 328.45



Oak, Blackjack

(*Quercus marilandica*)

Owner: James & Bonnie LaMastus
1900 Treelane Dr.
Evansville, IN 47720

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 80"

Height: 78'

Crown Spread: 49'

Point Index: 170.25

MULBERRY

Mulberry, Red

(*Morus rubra*)

Owner: GeorgeAnn Devolder
4119 S Fellows St.
South Bend, IN 46614

Nominator: Nancy Ries Morrison
4125 S Fellows St.
South Bend, IN 46614

County: St. Joseph

Circumference at 4 ½ Feet: 216"

Height: 56'

Crown Spread: 49'

Point Index: 284.25



Dendrochronology is the science of calculating a tree's age by its rings.



Oak, Bur*(Quercus macrocarpa)*

Owner: Buckland, Inc.
401 N. Weinbach Ave
Evansville, IN 47711

Nominator: Bill Wilson & Allen Cook
Box 535
New Harmony, IN 47631



County: Posey

Circumference at 4 ½ Feet: 293.4"

Height: 111'

Crown Spread: 104'

Point Index: 430.40

Oak, Cherrybark*(Quercus falcata var. pagodaefolia)*

Owner: Evansville State Hospital
3400 Lincoln Ave.
Evansville, IN 47714

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714
&
Steve Marling
2310 E St Rd 364
Winslow, IN 47598

County: Vanderburgh

Circumference at 4 ½ Feet: 252"

Height: 95'

Crown Spread: 131'

Point Index: 379.75



Cherrybark Oak on
Evansville State
Hospital Grounds

Oak, Chestnut*(Quercus prinus)*

Owner: Ron Moore/Brad Schneck
Camp Atterbury JMTC
PO Box 5000
Edinburgh, IN 46124

Nominator: Timothy Mack
Grossman Forestry
27 Six Pine Ranch Rd.
Batesville, IN 47006

County: Bartholomew

Circumference at 4 ½ Feet: 125"

Height: 130'

Crown Spread: 64'

Point Index: 271.00

Oak, Chinquapin*(Quercus Muhlenbergii)*

Owner: Garry Ritz
5118 N Co Rd 600 E
Seymour, IN 47274

Nominator: Casey Ritz
16420 S Jonesville Rd.
Columbus, IN 47201



County: Jackson

Circumference at 4 ½ Feet: 229.0"

Height: 111.0'

Crown Spread: 141.0'

Point Index: 375.25

Oak, Deam*(Quercus x Deamii)*

Owner: IDNR Forestry
402 W. Washington St. Rm. 296
Indianapolis, IN 46204

Nominator: Brad Rody
120 N Jefferson St.
Hartford City, IN 47348

County: Wells

Circumference at 4 ½ Feet: 135"

Height: 68'

Crown Spread: 146'

Point Index: 239.50

Oak, Jack*(Quercus ellipsoidalis)*

Owner: University of Notre Dame
Dept of Biological Science
Notre Dame, IN 46556

Nominator: Barb Hellenthal
University of Notre Dame
Notre Dame, IN 46556

County: St. Joseph

Circumference at 4 ½ Feet: 90"

Height: 54'

Crown Spread: 66.46'

Point Index: 160.62



The world's oldest trees are
4,600 year old Bristlecone pines
located in the USA.

Oak, Overcup

(*Quercus lyrata*)

Owner: Betty Smith
RR 1 Box 219
Princeton, IN 47670

Nominator: Tom Pohl
1709 Broadway St.
Vincennes, IN 47591

County: Gibson

Circumference at 4 ½ Feet: 138"

Height: 102'

Crown Spread: 69.5'

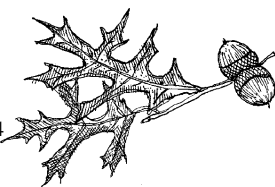
Point Index: 257.38

Oak, Pin

(*Quercus palustris*)

Owner: Tom Long
RR 7 Box 56
Bloomfield, IN 47424

Nominator: Jeremiah Lemmons
RR 2 Box 129
Jasonville, IN 47438



County: Greene

Circumference at 4 ½ Feet: 274.4"

Height: 105'

Crown Spread: 107'

Point Index: 406.15

Oak, Post

(*Quercus stellata*)

Owner: Sylvester Garner
1450 E Riverside Dr.
Evansville, IN 47714

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 182"

Height: 76'

Crown Spread: 81'

Point Index: 278.25

Oak, Red

(*Quercus rubra*)

Owner: Alvin Lambright
0825 E 550 S
Wolcottsville, IN 46795

Nominator: Mervin Beechy
1185 W US 20
LaGrange, IN 46761

County: LaGrange

Circumference at 4 ½ Feet: 202"

Height: 115'

Crown Spread: 103'

Point Index: 342.75

Oak, Red

(*Quercus rubra*)

Owner: Indianapolis Parks & Recreation
Forestry Division
5940 N Michigan Rd.
Indianapolis, IN 46228

Nominator: Jason Kissel
Urban Forester
5940 N Michigan Rd.
Indianapolis, IN 46228

County: Marion

Circumference at 4 ½ Feet: 243"

Height: 79'

Crown Spread: 82.25'

Point Index: 342.56

Oak, Scarlet

(*Quercus coccinea*)

Owner: David & Shannon Wells
1724 W Becks Mill Rd
Salem, IN 47167

Nominator: Allen Pursell
The Nature Conservancy
PO Box 5
Corydon, IN 47112

County: Washington

Circumference at 4 ½ Feet: 204"

Height: 103'

Crown Spread: 86'

Point Index: 329.00

"The planting of trees means improved water quality, resulting in less runoff and erosion. This allows more recharging of the ground water supply. Wooded areas help prevent the transport of sediment and chemicals into streams." -USDA Forest Service



Oak, Schneck Red*(Quercus shumardii var. schneckii)*

Owner: Wesselman Woods Nature Preserve
551 N. Boeke Rd
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 172"
Height: 130'
Crown Spread: 61'
Point Index: 317.25

Oak, Shingle*(Quercus imbricaria)*

Owner: Vince Legeay
709 S. Burkhardt Rd.
Evansville, IN 47715

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 214"
Height: 83'
Crown Spread: 112'
Point Index: 325.00

Oak, Shumard*(Quercus shumardii)*

Owner: Dr. Ben Reid
4001 Dutchmans Lane
Louisville, KY 40207

Nominator: Mike Coggeshall
206 S Harrison Dr.
Corydon, IN 47112

County: Floyd
Circumference at 4 ½ Feet: 316"
Height: 102'
Crown Spread: 115.5'
Point Index: 446.88

Oak, Southern Red*(Quercus falcata)*

Owner: Jeff & Maureen Ungethiem
2035 Fleener Rd
Evansville, IN 47725

Nominator: Thomas Westfall
2216 E Gum St.
Evansville, IN 47714

County: Vanderburgh
Circumference at 4 ½ Feet: 207"
Height: 76'
Crown Spread: 110'
Point Index: 310.50



Southern Red Oak
Vanderburgh County



Southern Red Oak

Oak, Swamp Chestnut*(Quercus michauxii)*

Owner: Richard Schepman
9045 W Hwy 250
Crothersville, IN 47229

Nominator: Rob McGriff
905 E Co Rd 350 N
North Vernon, IN 47265

County: Jennings
Circumference at 4 ½ Feet: 285"
Height: 96'
Crown Spread: 119'
Point Index: 410.75



Swamp Chestnut Oak



Trees are the longest living
organisms on earth.

Oak, Swamp White

(*Quercus bicolor*)

Owner: Philip Meltzer
7814 E Blue Ridge Rd.
Shelbyville, IN 46176

Nominator: Philip Meltzer
7814 E Blue Ridge Rd.
Shelbyville, IN 47176

County: Shelby

Circumference at 4 ½ Feet: 169.6"

Height: 155'

Crown Spread: 88.5'

Point Index: 346.73

Oak, White

(*Quercus alba*)

Owner: Frank Miklozek, Jr.
7933 E Dallas Dr.
Terre Haute, IN 47802

Nominator: Trees, Inc.
Mary Beth Eberwein
1200 S Paul Dresser St.
Terre Haute, IN 47803

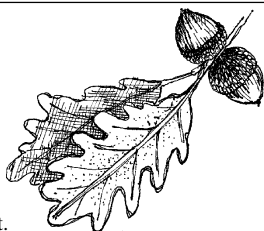
County: Clay

Circumference at 4 ½ Feet: 283"

Height: 83'

Crown Spread: 127'

Point Index: 397.75



PAW PAW

Paw Paw

(*Asimina triloba*)

Owner: Wesselman Woods Nature Preserve
551 N Boeke Rd
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

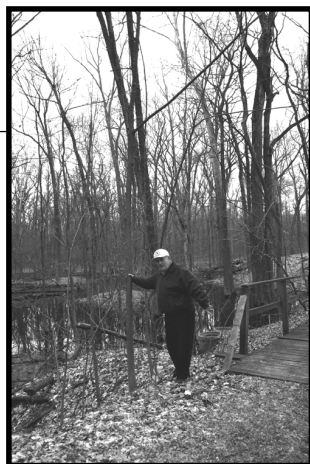
County: Vanderburgh

Circumference at 4 ½ Feet: 11"

Height: 36'

Crown Spread: 18'

Point Index: 51.50



Paw Paw Wesselman
Woods Nature Preserve

PECAN

Pecan

(*Carya illinoensis*)

Owner: Jim Barner
3442 Valor Ct.
Hannandle, VA 22003

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 192"

Height: 98'

Crown Spread: 98'

Point Index: 314.50

PERSIMMON

Persimmon, American

(*Diospyros virginiana*)

Owner: David Rice
1223 S Main St
New Harmony, IN 47631

Nominator: David Rice
1223 S Main St
New Harmony, IN 47631

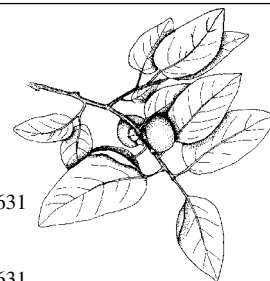
County: Posey

Circumference at 4 ½ Feet: 110.4"

Height: 92'

Crown Spread: 57'

Point Index: 216.65



A tree does not reach its most
productive stage of carbon
storage until about age 10 years.



PINE**Pine, Jack***(Pinus banksiana)*

Owner: Purdue University
W. Lafayette, IN 47907

Nominator: Tim Detzner BSG
Purdue University
W. Lafayette, IN 47907

County: Tippecanoe

Circumference at 4 ½ Feet: 44.4"

Height: 49'

Crown Spread: 33.9'

Point Index: 101.88



Jack Pine

Pine, Virginia*(Pinus virginiana)*

Owner: Kimball International Inc.
PO Box 460
Jasper, IN 47546

Nominator: Samuel Mehringer
430 N Trainer Lane
Jasper, IN 47546

County: Martin

Circumference at 4 ½ Feet: 102.75"

Height: 102'

Crown Spread: 43.5'

Point Index: 215.63

Pine, White*(Pinus strobus)*

Owner: Mark & Penny Dixon
5337 Gatesville Rd
Nineveh, IN 46164

Nominator: Charles Ratts
Atterbury Fish & Wildlife Area
Edinburgh, IN 46124



County: Brown

Circumference at 4 ½ Feet: 164.04"

Height: 104.33'

Crown Spread: 87.5'

Point Index: 290.25

PLUM**Plum, American***(Prunus americana)*

No Nomination

Plum, Canada*(Prunus nigra)*

Owner: Jeff & Brenda White
4485 Jordan Village Rd
Poland, IN 47868

Nominator: Ralph Unversaw
2153 Fish Creek Rd
Spencer, IN 47460

County: Owen

Circumference at 4 ½ Feet: 70.06"

Height: 59'

Crown Spread: 33'

Point Index: 137.31

Plum, Pin Cherry*(Prunus pennsylvanica)*

No Nomination

Plum, Wild Goose*(Prunus hortulana)*

Owner: Steve Scheller
1213 Mt. Auburn Rd.
Evansville, IN 47720

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 29"

Height: 24'

Crown Spread: 21'

Point Index: 58.25

Plum, Woolly-leaf American*(Prunus americana var. lanata)*

Owner: Parks & Recreation Dept. Administration
100 E. Walnut St.
Evansville, IN 47713

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 27"

Height: 18'

Crown Spread: 25'

Point Index: 51.25



Trees conserve energy, reduce soil erosion, clean the air we breathe, and help protect rivers and streams. If trees are to provide all these benefits, we need to care for the trees we have, and to plant more.

REDBUD

Redbud

(*Cercis canadensis*)

No Nomination

SASSAFRAS

Sassafras

(*Sassafras albidum*)

Owner: Mr. & Mrs. Donnie Dones
6025 N Hwy 11 S
Elizabeth, IN 47117

Nominator: Vic McCauley & Frank Ballintyn
Clark State Forest
PO BOX 119
Henryville, IN 47126

County: Harrison

Circumference at 4 ½ Feet: 172"

Height: 59'

Crown Spread: 55.5'

Point Index: 244.88

SERVICEBERRY

Serviceberry

(*Amelanchier laevis*)

Owner: Robert Altstade
3335 W. Maryland St
Evansville, IN 47720

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 32"

Height: 54'

Crown Spread: 24'

Point Index: 92.00

Serviceberry

(*Amelanchier laevis*)

Owner: United States Of America
MLK Jr. Blvd.
Evansville, IN 47708

Nominator: Thomas Westfall & Shawn Dickerson
2216 E Gum St
Evansville, IN 47714

County: Vanderburgh

Circumference at 4 ½ Feet: 60.6"

Height: 24'

Crown Spread: 29.5'

Point Index: 91.98

Serviceberry - Juneberry

(*Amelanchier arborea*)

Owner: Ferdinand State Forest
6583 E SR 264
Ferdinand, IN 47532

Nominator: Doug Brown
6583 E SR 264
Ferdinand, IN 47532

County: Perry

Circumference at 4 ½ Feet: 64.5"

Height: 62'

Crown Spread: 46.5'

Point Index: 138.13

SOURWOOD

Sourwood

(*Oxydendrum arboreum*)

Owner: Dave Swain
RR 1 Box 339
Cannelton, IN 47520

Nominator: Dave Swain & Earl McCleerey
Box 21
Cannelton, IN 47520

County: Perry

Circumference at 4 ½ Feet: 50"

Height: 62'

Crown Spread: 35.4'

Point Index: 120.85

SWEET GUM

Sweet Gum

(*Liquidambar styraciflua*)

Owner: Wesselman Woods Nature Preserve
551 N Boeke Rd.
Evansville, IN 47711

Nominator: Thomas Westfall
2216 E Gum St
Evansville, IN 47714

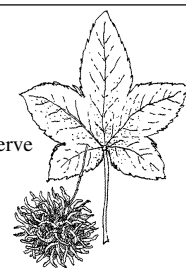
County: Vanderburgh

Circumference at 4 ½ Feet: 154"

Height: 132'

Crown Spread: 90'

Point Index: 308.50



Sweet Gum

In one year, an acre of trees
can provide enough oxygen
for eighteen people.



SYCAMORE**Sycamore***(Platanus occidentalis)*

Owner: Kris & Pamela Henthorn
624 W St Rd 252
Trafalgar, IN 46181

Nominator: Kris & Pamela Henthorn
624 W St Rd 252
Trafalgar, IN 46181



County: Johnson

Circumference at 4 ½ Feet: 306.7"

Height: 122'

Crown Spread: 109.5'

Point Index: 456.08

TUPELO - BLACK GUM**Tupelo-Black Gum***(Nyssa sylvatica)*

Owner: John Chandler
2867 N CR 400 W
Petersburg, IN 47567

Nominator: John Chandler/Steve Brandsasse
5994 E SR 364
Winslow, IN 47590

County: Pike

Circumference at 4 ½ Feet: 151"

Height: 89'

Crown Spread: 56'

Point Index: 254.00

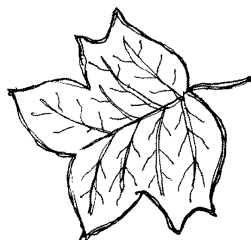
TAMARACK**Tamarack***(Larix laricina)*

No Nomination

TULIP TREE**Tulip Tree***(Liriodendron tulipifera)*

Owner: Bill Quilliam
Box 552
Washington, IN 47501

Nominator: Bill Quilliam
Box 552
Washington, IN 47501



County: Daviess

Circumference at 4 ½ Feet: 271"

Height: 87'

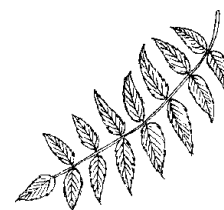
Crown Spread: 83'

Point Index: 378.75

WALNUT**Walnut, Black***(Juglans nigra)*

Owner: Schraeder - Weaver
Nature Preserve
Bentonville, IN 47322

Nominator: Div. of Nature Preserves
402 W Washington St. Rm. 267 W
Indianapolis, IN 46204



County: Fayette

Circumference at 4 ½ Feet: 182.4"

Height: 119'

Crown Spread: 101.50'

Point Index: 326.78

WILLOW**Willow, Black***(Salix nigra)*

No Nomination

Willow, Peachleaf*(Salix amygdaloides)*

No Nomination

Yellowwood**Yellowwood***(Cladrastis lutea)*

Owner: Indiana University
Bloomington, IN 47401

Nominator: Hank Huffman
Div. of Nature Preserves
402 W. Washington St. Rm. 267 W
Indianapolis, IN 46204

County: Monroe

Circumference at 4 ½ Feet: 98"

Height: 63'

Crown Spread: 33'

Point Index: 169.25



A tree, over a 50-year period, will generate \$31,250 worth of oxygen, provide \$62,000 worth of air pollution control, and recycle \$37,500 worth of water. (National Arbor Day Foundation)

INTRODUCED TREES IN INDIANA

The following Trees are listed by Charles Deam as introduced, rather than native species.
Nominations for these tree species are not considered for the Indiana Big Tree Register.

AILANTHUS

Tree of Heaven
Ailanthus altissima

GOLDENRAIN TREE

Goldenrain Tree
Koelreuteria paniculata

OSAGE-ORANGE

Osage-Orange
Maclura pomifera

PRINCESS TREE

Princess Tree or Royal Paulownia
Paulownia tomentosa

CATALPA

Common Catalpa
Catalpa bignonioides

HICKORY

Southern Shagbark Hickory
Carya ovata var. pubescens

PINE

Shortleaf Pine
Pinus echinata

WILLOW

Brittle Willow
Salix fragilis
White Willow
Salix alba
Yellowstem White Willow
Salix alba var. vitellina

CHERRY

Mahaleb Cherry
Prunus mahaleb

HORSE CHESTNUT

Horse Chestnut
Aesculus hippocastanum

POPLAR

Balm-of-Gilead
Populus x gileadensis
Carolina Poplar
Populus x eugenei
Lombardy Poplar
Populus nigra var. italica
White Poplar
Populus alba

ELM

Chinese Elm
Ulmus parviflora
Siberian Elm
Ulmus pumilia

MULBERRY

Russian Mulberry
Morus alba var. tatarica

2005 INDIANA BIG TREE CHAMPS BY COUNTY

ADAMS—0
ALLEN—0
BARTHOLOMEW—(1) Chestnut Oak
BENTON—0
BLACKFORD—0
BOONE—0
BROWN—(2) Largetooth Aspen, White Pine
CARROLL—0
CASS—(1) Red Maple
CLARK—0
CLAY—(1) White Oak
CLINTON—0
CRAWFORD—0
DAVIES—(2) Red Elm, Tulip Poplar
DEARBORN—0
DECATUR—0
DEKALB—0
DELAWARE—0
DUBOIS—0
ELKHART—0
FAYETTE—(3) Butternut, Magnolia (Cucumber Tree), Black Walnut
FLOYD—(1) Shumard Oak
FOUNTAIN—0
FRANKLIN—(1) Shellbark Hickory
FULTON—0
GIBSON—(1) Overcup Oak
GRANT—0
GREENE—(1) Pin Oak
HAMILTON—0
HANCOCK—0
HARRISON—(1) Sassafras
HENDRICKS—0
HENRY—0
HOWARD—0
HUNTINGTON—0
JACKSON—(1) Chinquapin Oak
JASPER—0
JAY—0
JEFFERSON—(1) Yellow Buckeye
JENNINGS—(1) Swamp White Oak
JOHNSON—(1) Sycamore
KNOX—(2) American Chestnut, Bald Cypress
KOSIOSCKO—0
LAGRANGE—(2) American Beech, Red Oak (co-champ)
LAKE—0
LAPORTE—(2) Yellow Birch, Eastern Cottonwood
LAWRENCE—(1) Eastern Red Cedar
MADISON—0
MARION—(2) Hornbeam (Blue Beech), Red Oak (co-champ)
MARSHALL—0

MARTIN—(1) Virginia Pine
MIAMI—0
MONROE—(2) Silver Maple, Yellowwood
MONTGOMERY—(2) Northern White Cedar, Eastern Hemlock
MORGAN—(1) Black Maple
NEWTON—0
NOBLE—0
OHIO—0
ORANGE—(1) Black Locust
OWEN—(3) Black Cherry, Pignut Hickory, Canada Plum
PARKE—(2) American Elm, Hophornbeam (Ironwood)
PERRY—(3) Bitternut Hickory, Serviceberry (Juneberry), Sourwood
PIKE—(1) Black Gum
PORTER—0
POSEY—(5) Swamp Cottonwood, Black Oak, Bur Oak, Persimmon, Boxelder
PULASKI—0
PUTNAM—0
RANDOLPH—0
RIPLEY—0
RUSH—(1) Hackberry
SCOTT—(1) White Ash
SHELBY—(2) Black Ash, Swamp White Oak
SPENCER—(1) Winged Elm
ST. JOSEPH—(5) Ohio Buckeye, Honeylocust, Kentucky Coffee Tree, Red Mulberry, Jack Oak
STARKE—0
STEUBEN—0
SULLIVAN—0
SWITZERLAND—0
TIPPECANOE—(2) Cockspur Thorn, Jack Pine
TIPTON—0
UNION—0
VANDERBURGH—(26) Biltmore Ash, Pumpkin Ash, Red Ash, Basswood, Paper Birch, River Birch, Catalpa, Dogwood, Sugar Hackberry, Green Haw, Mockernut Hickory, Red Hickory, Thornless Honeylocust, Blackjack Oak, Cherrybark Oak, Post Oak, Schneek Oak, Shingle Oak, Southern Red Oak, Paw Paw, Pecan, Wild Goose Plum, Wooley-leaf American Plum, Serviceberry (2 co-champions), Sweetgum
VERMILLION—0
VIGO—(1) Green Ash
WABASH—0
WARREN—0
WARRICK—0
WASHINGTON—(2) Blue Ash, Scarlet Oak
WAYNE—(1) Shagbark Hickory
WELLS—(1) Deam Oak
WHITE—0
WHITLEY—(1) Sugar Maple

LOCATION MAP



26 Champion Big Trees are located in Vanderburgh County

INDIANA BIG TREE NOMINATION

1. Common name of nominated tree (e.g. red oak) _____

2. Scientific name (if known) (e.g. *Quercus ruba*) _____

3. County where tree is located _____ Township _____

4. Physical condition when measured:

Excellent _____ Good _____ Fair _____ Poor _____ Unknown _____

(For Judges Use Only)

INDEX _____

STATE BANK _____

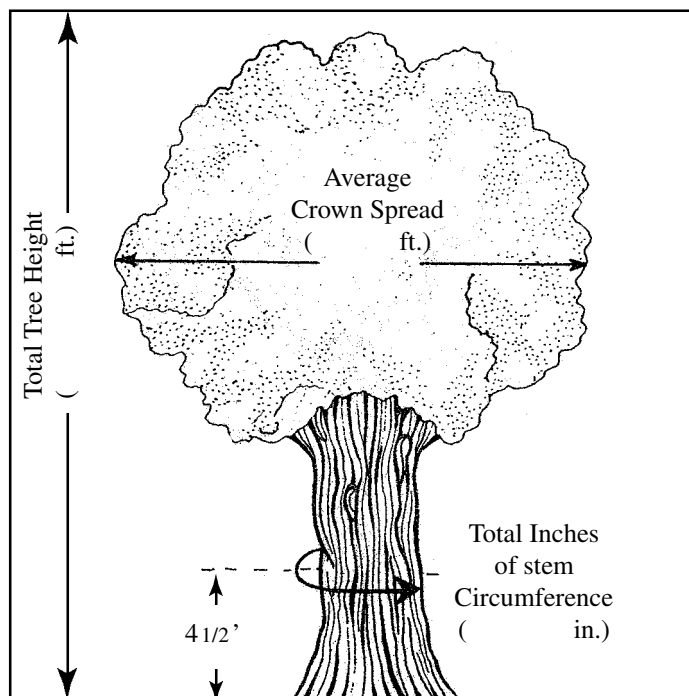
NATIONAL _____

5. Date measured _____ Unknown _____

6. In the space below, draw a map showing the location of the tree from the nearest state highway and town. Give point to point distances to the tree. Use back side if more space is needed.



7. In the space below provide the tree measurements.



NOTE: A photograph of the entire tree and a close-up showing the tree's stem should accompany the nomination.

8. Name and mailing address of owner: _____

Phone: _____

9. Nominator's name and address: _____

Phone: _____

10. The nominator must have permission from the owner before submitting a tree for consideration and publication. Has owner granted permission? _____

Return completed application and tree photos to:

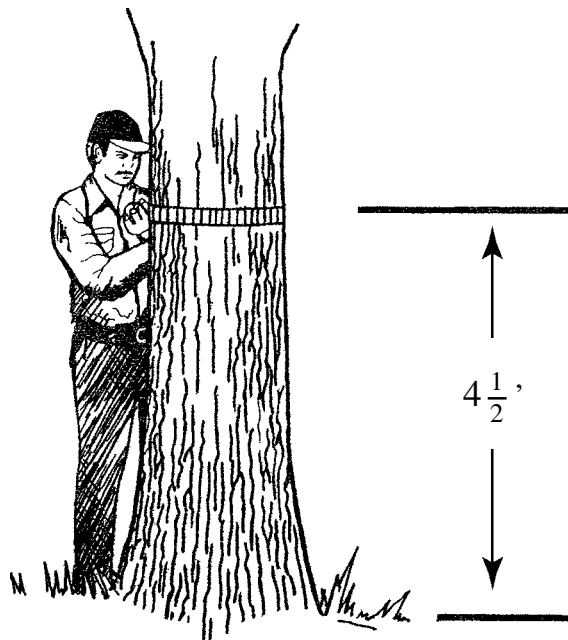
Indiana Big Tree Coordinator, 1919 Steven Avenue, Bedford, IN 47421

HOW TO MEASURE AND IDENTIFY BIG TREES

Data submitted should include:

- (1) Common species name according to Deam's "Trees of Indiana."
- (2) Scientific name, if known.
- (3) County and Township where tree is located.
- (4) Physical condition of tree when measured.
- (5) Date measured.
- (6) Map showing location of tree.
- (7) Circumference, total height, average crown spread of tree.
- (8) Owners name and address.
- (9) Nominator's name, address and phone number and date nominated.
- (10) Landowner's permission to submit entry.
- (11) One or more photographs of tree.

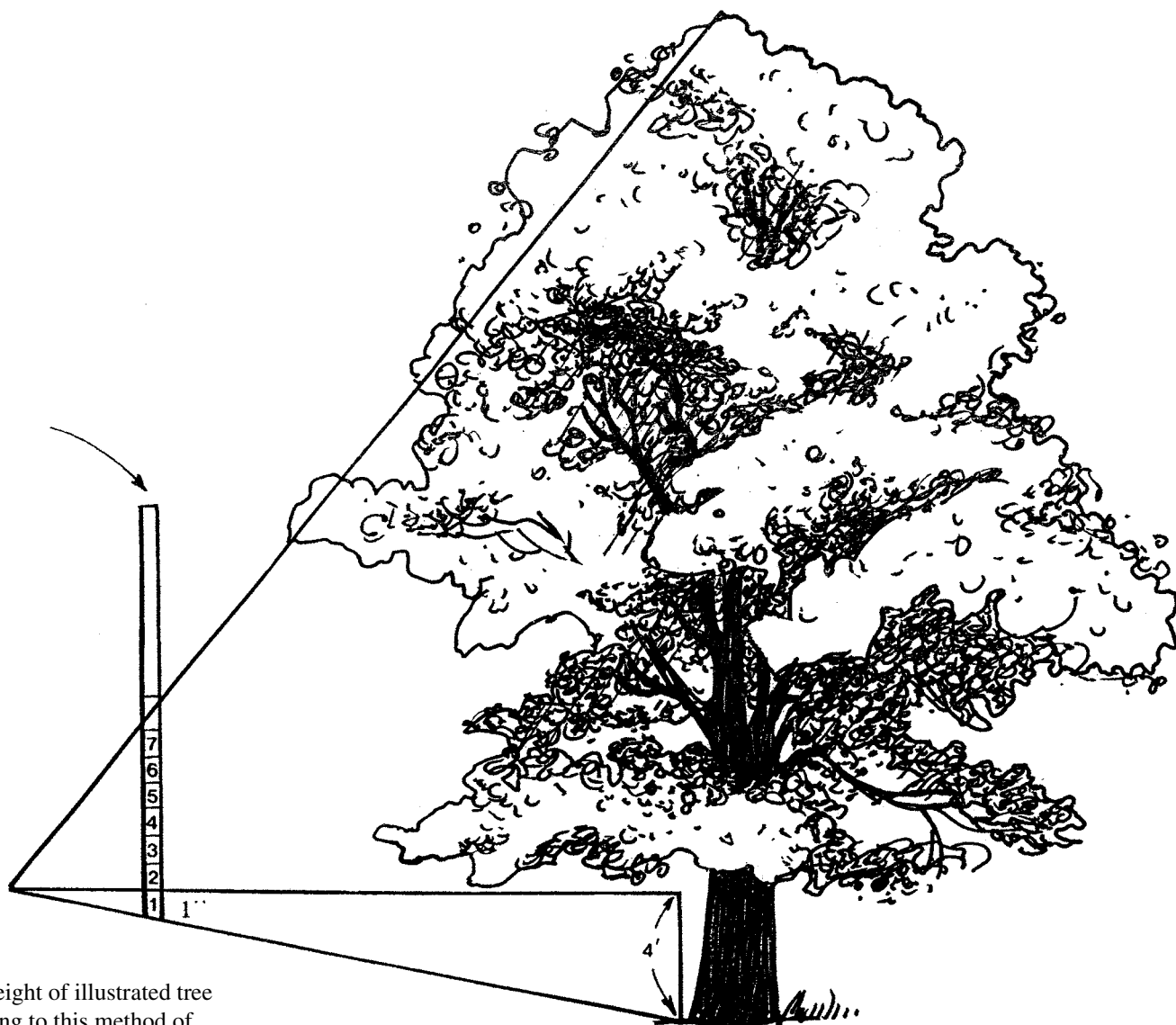
CIRCUMFERENCE is measured at $4\frac{1}{2}$ feet above the ground. If the tree is on a slope, the measurement is taken from the uphill side of the tree. If the tree forks at or below the $4\frac{1}{2}$ feet point, or if a bulge occurs at this point, take the measurement at a location lower on the trunk where the tree resumes its normal size or taper. Record the number of inches around the tree by using a tape measure.



IMPORTANT: Be sure tape measure is straight.

CROWN SPREAD is to be reported as the average distance from one side of the tree's crown to the other as measured through the center of the tree. To take these needed measurements, walk beneath the tree checking to see where the crown is widest and also where most narrow. Once you have determined this, begin with the widest crown spread and mark the crown's edge (or drip line) on the ground and proceed to the opposite side of the tree doing the same. Remember, the crown spread passes in a straight line through the center of the tree. Measure and record this distance and repeat the same procedure for the most narrow spread of the tree's crown. To determine the average crown spread for your nomination, add the two measurements together and divide the sum by two.

TOTAL TREE HEIGHT is the distance from the ground's high point at the tree's base to the very top of the tree. A simple and quite accurate method of measuring tree height can be done with a yardstick. To do this, temporarily mark a spot 4 feet up from the base of the tree to serve as a sighting point for measuring tree height. A ribbon around the tree or masking tape may work well or have a friend hold his/her hand at a point 4 feet up on the tree's trunk. Next, back away from the tree with the yardstick held straight up and down as if you were sighting straight up and down the tree. It is very important that your stick be held straight for an accurate measurement. Keep backing up (about 100 feet) until the 4 foot section you marked on the tree occupies exactly ONE INCH on your yardstick. Now, without moving your stick, site to the base of the tree and then to the top of the tree noting the number of inches the tree height occupies. Remembering that one inch on your yardstick equals four actual feet, multiply the measured tree height time four to determine the total tree height.



Total height of illustrated tree according to this method of measuring would be 28 feet.

$$(7 \times 4 = 28)$$



Mason's Red Maple

**"From this day onward I will walk easy on the earth.
Plant trees. I will restore the earth where I am. Use no
more of its resources than I need. And listen, listen to what
it is telling me."**

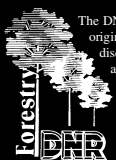
M.J. Slim Hooley

OUR MISSION...

The Division of Forestry promotes and practices good stewardship on Indiana's public and private lands. This stewardship produces continuing benefits, both tangible and intangible for present and future generations.

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Photographs: Pam Louks; Layout, Artwork, and Design: Lisa Kocela



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